

SOPRALENE 180 PS 3 MM

TECHNICAL DATA SHEET
120322SCAN1E
(supersedes 030701CAN12E)

DESCRIPTION

The **SOPRALENE 180 PS 3 MM** membrane is composed of a non-woven polyester reinforcement and SBS modified bitumen. Their underface is sanded for bonding with hot bitumen or adhesive and the top surface is a thermofusible plastic film.

FOR COMPLETE INFORMATION ON APPLICATION AND SYSTEMS, PLEASE CONSULT OUR SPECIFICATION MANUAL.

PROPERTIES

Properties	Standards	SOPRALENE 180 PS 3 MM
Thickness	-	3.0 mm
Dimension	-	10 x 1 m
Roll weight	-	38 kg
Top face	-	Thermofusible plastic film
Underface	-	Sanded
Armature	-	Non-woven polyester
Storage	-	Upright on pallet
Strain energy, (MD/XD)	CAN/CGSB-37.56-M 9 th draft	9.0 / 7.0 kN/m
Breaking strength, MD/XD	CAN/CGSB-37.56-M 9 th draft	17 / 12.5 kN/m
Ultimate elongation, MD/XD	CAN/CGSB-37.56-M 9 th draft	60 / 65 %
Tear resistance	CAN/CGSB-37.56-M 9 th draft	60 N
Static puncture	CAN/CGSB-37.56-M 9 th draft	400 N
Dimensional stability, MD/XD	CAN/CGSB-37.56-M 9 th draft	-0.3 / 0.3 %
Plastic flow	CAN/CGSB-37.56-M 9 th draft	105 °C
Cold bending* - initial - 90 days at 70 °C	CAN/CGSB-37.56-M 9 th draft	-30 °C -30 °C
Lap adhesion - initial - 5 days at 50 °C - 14days at 70 °C	CAN/CGSB-37.56-M 9 th draft	23.5 kN/m 24.0 kN/m 24.0 kN/m

(All values are nominal)